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PTO/SB/21 (6-98)

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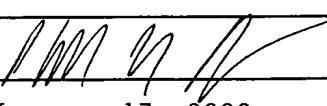
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		Application Number	09/445,193
		Filing Date	December 2, 1999
		First Named Inventor	S. Ohkawa
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	2470USOP

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 500799.		

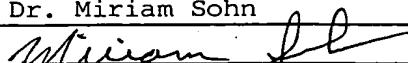
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Philippe Y. Riesen (Reg. No. 35,657) Takeda Chemical Industries, Ltd.
Signature	
Date	January 17, 2000

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): S. Ohkawa et al.
Serial No. : 09/445193 Attn: Box PCT
Filed on : December 2, 1999
Title : Heterocyclic Compounds, Their Production and Use

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 1.56, 1.97 and 1.98, applicants request consideration of (X) the references listed on the attached Form PTO-1449 and/or () the additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PT-1449 is enclosed. ¹

1. This Information Disclosure Statement is submitted:
 - a. (X)within 3 months of the filing date of the above-identified application, or () within 3 months of entry of the International Application, or () before the mailing date of the first Office Action on the merits, and thus no certification and/or fee is required.
 - b. ()after the events of above paragraph 1-a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus:
()the certification of paragraph 2 below is provided, or
() a fee of \$.00 is enclosed(37 CFR 1.17(p)).

¹ A copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. _____.

c. () after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus the certification of paragraph 2 below is provided and a petition and fee of \$__ are enclosed (37 CFR 1.17(i)).

2. It is hereby certified that:

() each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

() no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Statement.

3. () Consideration of the following additional information (including any co-pending or abandoned U.S. application, prior uses and/or sales, etc.) is requested:

4. For each non-English language reference listed on the attached Form PTO-1449:

(X) reference is made to an English language translation submitted herewith, and/or

() reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or

() reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or

(X) reference is made to the concise explanation contained in the specification of the present application at page(s), and/or

(X) reference is made to the concise explanation attached

thereto and/or

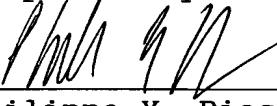
() reference is made to the concise explanation set forth below:

5.() Applicants also offer the following comments for the Examiner's consideration:

6.(X) Also enclosed is a copy of:(X) the International Search Report citing these references, (X)the International Preliminary Examination Report, and (X)the Written Opinion.

Applicants respectfully request that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP 9609.

Respectfully submitted,


Philippe Y. Riesen
Registration No. 35,657
Attorney for Applicants

c/o Takeda Chemical Industries, Ltd.
17-85 Jusohonmachi 2-chome
Yodogawa-ku, Osaka, Japan 532-8686
Phone #: 81-6-6300-6124
Fax #: 81-6-6300-6601

Date: January 17, 2000